PTO/SB/08A (08-03)

Approved for use through 07/31/2008. 0MB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
ider the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 1

ENT & TRADE

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/766,037	,			
Filing Date	January 29, 2004				
First Named Inventor	NETER, Witold				
Art Unit	Not Yet Assigned	_			
Examiner Name	Not Yet Assigneed				
Attorney Docket Number	213201-00192	フ			

Examiner	Cite	Designant Missel		TOCUMENTS	
Initials*	No.	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
RVH		<sup>US-</sup> 4,047,873	09-13-1977	Farrell	
YUA,		us- 4,208,177	06-17-1980	Allen	
XWH ,		<sup>US-</sup> 4,304,542	12-08-1981	Sauer	
TWH		<sup>US-</sup> 4,729,732	03-08-1988	Schad et al.	
TUH		<sup>US-</sup> 4,102,626	07-25-1978	Scharrenbroich	
TWH		<sup>US-</sup> 4,592,719	06-03-1986	Bellehache et al.	
TWH		<sup>US-</sup> 4,872,827	10-10-1989	Noda	
TWH.		<sup>US-</sup> 5,837,299	11-17-1998	Bright et al.	
TWH.		<sup>US-</sup> 6,190,157	02-20-2001	Hofstetter et al.	
TUH		<sup>US-</sup> 2001/0048988 A1	12-06-2001	Forte et al.	
TWA		<sup>US-</sup> 2002/0088767 A1	07-11-2002	Saito et al.	
TWA		<sup>US-</sup> 2002/0074687 A1	06-20-2002	Neter et al.	
ruf,		<sup>US-</sup> 3,078,508	02-26-1963	M. Warren Martin, Jr	
ruH		<sup>US</sup> - 3,947,205	03-30-1976	Edwards	
TUH		us- 4,295,811	10-20-1981	Sauer	
TWH		<sup>US-</sup> 4,903,380	01-05-1982	Sauer	
TUH.		<sup>US-</sup> 4,872,827	10-10-1989	Noda	
WH		<sup>US-</sup> 5,051,085	09-24-1991	Masumoto	<u> </u>
Till		<sup>US-</sup> 5,788,926	08-04-1998	Oda et al.	

		FORE	IGN PATENT DOCU	JMENTS		
Examiner Cite Initials* No.1		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Т
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>3</sup> (if known)	MM-DD-YYYY	A PRISON OF GREAT DOCUMENT	Or Relevant Figures Appear	T <sup>6</sup>
WH_		WO 97/39874	10-30-1997	SIPA S.P.A.		${\dagger}$
TWH,		EP 0 283 664 B2	10-23-1996	Husky Injection Molding		Г
TWH!	-	EP 0 266 804 A2		Husky Injection Molding		Г
TWH!		EP 0 700 770 A2	03-13-1996	Krupp Maschintechnik		-
TUH!		WO 03/086728 A1	10-23-2003	PESAVENTO, Modesto, M.		
TUHV		JP 61-120723		Japan Steel Works Ltd.		-

	Α_		
Examiner		Date	
Signature	Su Helbruk	Considere	1/-12-04
4573400000000	Williams		11/0001

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 'Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language

Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PATE TRADE

PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE nder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449/PTO

Sheet 2

(Use as many sheets as necessary)

Complete if Known **Application Number** 10/766,037 Filing Date January 29, 2004 First Named Inventor NETER, Witold Not Yet Assigned Art Unit Examiner Name Not Yet Assigned Attorney Docket Number 213201-00192

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TUH		<sup>US-</sup> 5,804,127	09-08-1998	Takatori et al.	
TWA		<sup>US-</sup> 5,850,590	12-15-1998	Furuta et al.	
TUH		<sup>US-</sup> 6,042,361	03-28-2000	Murphy	***
TUH		<sup>US-</sup> 6,171,541 B1	01-09-2001	Neter et al.	***************************************
TW4.		<sup>US-</sup> 6,461,556 B2	10-08-2002	Neter	
WH		<sup>US-</sup> 6,475,442 B1	11-05-2002	Neter et al.	
		US-			
_		US-			
		US-	<del></del>		
		US-			
		US-	<del> </del>		

	- a	FORE	<b>IGN PATENT DOCU</b>	JMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	7
TNH		JP 07-276,485 A	10-24-1995	UBE IND LTD		1
TUH	1	JP 56-113,433	09-07-1981	INOUE MTP CO LTD		7
						L

		/		
Examiner	1. 11 11	Da		
Signature	Led Sullinis.		nsidered	1/12 066
			Maidered	11-104-197

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. There office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, obstroled process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 nours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03) Approved for use through 07/31/2006. OMB 0551-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

nder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of in

Substitu	te for form 1449/PTO			Complete if Known		
				Application Number	10/766,037	
			CLOSURE	Filing Date	January 29, 2004	
STA	(Use as many sheets as necessary)			First Named Inventor	NETER, Witold	
				Art Unit	Not Yet Assigned	
				Examiner Name	Not Yet Assigned	
Sheet	3	of	3	Attorney Docket Number	213201-00192	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
TUH		MIKELL KNIGHTS, Porous Molds' Big Draw, Plastics Technology Online, 03/2001, published on the internet at palsticstechnology.com	
TWH		SCOTT W. HOPKINS, Porous Aluminum Mold Materials: The New Thermoform Tooling Advantage, International Mold Steel, Inc., published on the internet at irristeel.com	
			·
		·	
_			

	<del></del>		
Examiner	1. 1. 1/. 1	Date	
o	1 1 1	Date	
Signature	View Betterink	Considered	11-12-04
	- 0400000000		111001

\*\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0551-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	stitute for form 1449/PTO	, Act OI	1333, no persons are required to	Complet if Known			
	June 10 10 10 11 14 10 11 10			Application Number	Not Yet Assigned		
ÌN	FORMATIO	וח ע	ISCLOSURE	Filing Date	January 29, 2004		
				First Named Inventor	NETER, Witold		
. 3			APPLICANT	Art Unit	Not Yet Assigned		
	(Use as many sh	100E3 85	necessary)	Examiner Name	Not Yet Assigneed		
Sheet	1	of	2	Attorney Docket Number	213201-00102		

Examiner	Cite	Document Number	Publication Date	DOCUMENTS  Name of Patentee or	0 0-t 11 196
Initials*	No.1	Number-Kind Code <sup>2 (F known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 4,047,873	09-13-1977	Fairell Suplicate	
		<sup>US-</sup> 4,208,177	06-17-1980	Allen Questicates	
		US- 4,304,542	12-08-1981	Saver Junterate	
		US-4,729,732	03-08-1988	School ot al. Very leasto,	
		<sup>US</sup> -4,102,626	07-25-1978	Scharrenbroich Chumboato	
		<sup>US-</sup> 4,592,719	06-03-1986	Bellehache et al Jeuslica le	
		<sup>UŞ</sup> -4,872,827	10-10-1989	Noda duplicato	
		us- 5,837,299	11-17-1998	Bright et al. dieplecate	
		us-6,190,157	02-20-2001	Hoistetter et al. duplicate	
		US-			· · · · · · · · · · · · · · · · · · ·
		ÚS-			
	•	US-			
		US-			
		US-			
-		US-			
		US-			<del></del>
		US-			
		US-			
		UŞ-	<del></del>		

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document Publication Date	Publication	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T		
	ŀ		MM-DD-YYYY			T <sup>®</sup>		
	<u> </u>	WO 97/39874 deeplicate	10-30-1997	SIPA S.P.A.		一		
		EP 0 283 664 B2 Quelicate	10-23-1996	Husky Injection Molding		Г		
			05-11-1988	Husky Injection Molding				
	<u> </u>	EP 0 700 770 A2 Versliegte	03-13-1996	Krupp Maschintechnik		Т		
		WO 03/087628 A1 depleate	10-23-2003	PESAVENTO, Modesto, M.				
	i		06-07-1986	Japan Steel Works Ltd.				

	/	᠘				
Examiner Signature	Sea Beelrick		Date Considered	1/-	12-04	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.15 if possible. <sup>6</sup>Applicant is to place a check mark here if English language

the appropriate symbols as indicated on the document under wipo Standard S1.10 it possible. Appricant is to place a check mark here it English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.

To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Approved for use through 07/31/2006, OMB 0651-0031 rademark Office; U.S. DEPARTMENT OF COMMERCE

			ct of 1995, no persons at	e required to respond to a collection	of Information unless it contains a valid OMB control number.  Compl t if Known
Substitute for form 1449/PTO				Application Number	Not Yet Assigned
INF	ORMATION	N DIS	CLOSURE	Filing Date	January 29, 2004
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	NETER, Witold
	(Use as many sh	oote se r	orassan/l	Art Unit	Not Yet Assigned
(ose as many should be necessary)			ecessary)	Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	213201-00192

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		MIKELL KNIGHTS, Porous Molds' Big Draw, Plastics Technology Online, 03/2001, published on the internet at palsticstechnology.com Juplevale	
	-	SCOTT W. HOPKINS, Porous Aluminum Mold Materials: The New Thermoform Tooling Advantage, International Mold Steel, Inc., published on the Internet at imsteel company of the Materials.	
		·	

Cyaminar		120-4-	
Examiner	<i>4</i>	Date	. ^ _
Signature	Sew Detelbrink	Considered	1117-14
Oignataro	Liculation and	Considered	11-12-01

<sup>&#</sup>x27;EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English tanguage Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.